

Converting Colors

Hex(DF68E2)

Have a look what the booklet for
Hex(DF68E2) contains.

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Color

Hex(DF68E2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF68E2 |
| RGB | 223, 104, 226 |
| RGB Percent | 87%, 41%, 89% |
| CMY | 0.1255, 0.5922, 0.1137 |
| CMYK | 0.01, 0.54, 0.00, 0.11 |
| HSL | 299°, 68%, 65% |
| HSV | 299°, 54%, 89% |
| XYZ | 49.1092, 31.0796, 75.3621 |
| YIQ | 153.4890, 31.7620, 63.1700 |

Conversions

Conversions Part 2

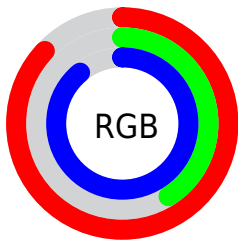
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 104, 226 |
| Decimal | 14641378 |
| CIE Lab | 62.57, 62.53, -41.44 |
| CIE LCh | 63, 75.016, 326.468 |
| Yxy | 31.0796, 0.3157, 0.1998 |
| Android (android.graphics.Color) | 4292831458 (0xFFDF68E2) |
| YUV | 153.4890, 35.7479, 60.9611 |
| Hunter-Lab | 55.7491, 59.6793, -41.1244 |

Details

The Hex color **DF68E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BE268**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA0FF**, and **A52EAA** is the 20% darker color. If you saturate the color by 10%, you get **DE51E2**, and if you desaturate by 10%, it is **E07FE2**.

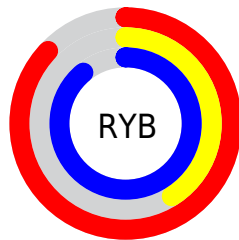
Distribution



Red (87%)

Green (41%)

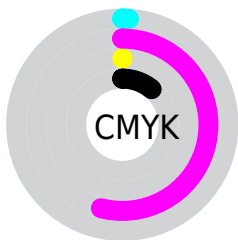
Blue (89%)



Red (87%)

Yellow (41%)

Blue (89%)

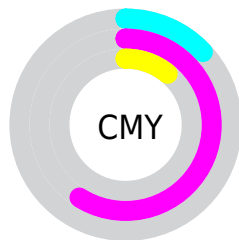


Cyan (1%)

Magenta (54%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (59%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF68E2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color DF68E2 by changing the saturation by 10% instead.

 DF68E2

 DF68E2

FFFFFF

 C24CC6

 FFA0FF

 A52EAA

 FFBCFF

 89028F

 FFD9FF

 6D0075

 FFF7FF

 52005C

 380044

 1D002D

 000117

 000000

DF68E2

DF68E2

DE51E2

E07FE2

DE3BE2

E095E2

DD24E2

E1ACE2

DD0EE2

E1C2E2

DC00E2

E2D9E2

E2F0E2

E3FFE2

E4FFE2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8389FF



DF68E2



FF4FA2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DF68E2



BC9200



00B5D1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



DF68E2



6BE268

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00B58D



DF68E2



7CA500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DF68E2



ED7622



00B048



00B0FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF68E2



FF5176



00B048



00B5BB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



DF68E2



FED6FF



686CE2



7F6780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



DF68E2



FB59FF



E268A9



706570



AC00B0



2F0030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E2686B



FF595D



68E2A1



706565



B00004



300001

Previews

White Background



This preview shows how the Hex color DF68E2 looks on a white background.

Color Contrast Check

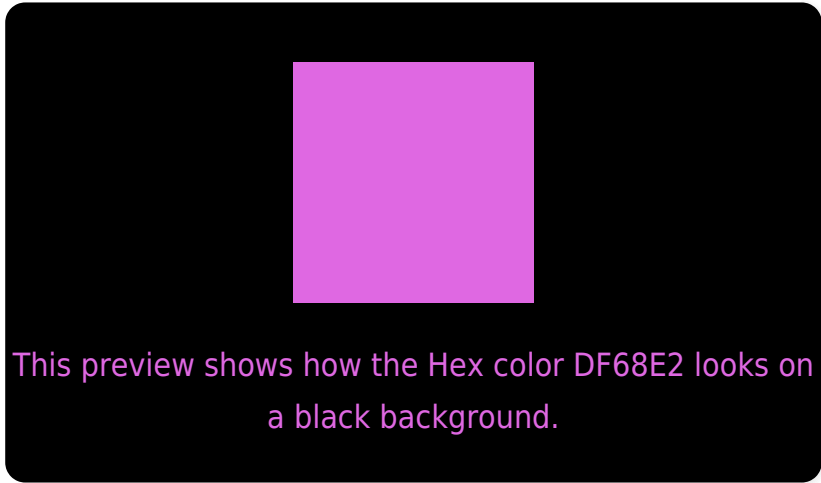
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

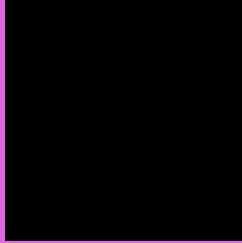
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DF68E2 Background



This preview shows how black text looks on a background with the Hex color DF68E2.

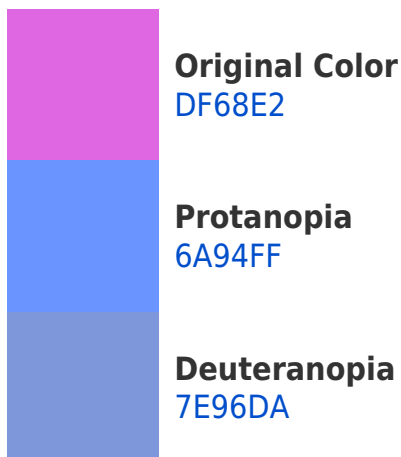


This preview shows how white text looks on a background with the Hex color DF68E2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
D47F88

Trichromacy



Original Color
DF68E2



Protanomaly
9584F4



Deuteranomaly
A185DD



Tritanomaly
D877A9

Monochromacy



Original Color
DF68E2



Achromatopsia
999999



Achromatomaly
B287B4

CSS Examples

Text

The CSS property to change the color of the text to Hex DF68E2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #DF68E2 looks like.

```
.text, #text, p{  
    color:#DF68E2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #DF68E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF68E2
}
```

Border

The CSS property to change the border of an element to Hex DF68E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF68E2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#DF68E2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #DF68E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF68E2; -webkit-box-shadow:4px 4px  
4px 4px #DF68E2; box-shadow:4px 4px 4px  
4px #DF68E2 }
```

Background

The CSS property to change the background color of an element to Hex DF68E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF68E2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#DF68E2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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